

척추에 발생한 간엽조직성 연골육종 수술치험 3예

- 증례보고 -

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= Abstract =

Three Cases of Spinal Mesenchymal Chondrosarcoma
- A Case Report -Yong Jae Cho, M.D., Byung Ho Jin, M.D., Dong Kyu Chin, M.D.,
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Mesenchymal chondrosarcoma arising in the central nervous system is extremely rare and most of case described are intracranial. During the last ten years, the authors have encountered three cases of spinal mesenchymal chondrosarcoma ; These involved a four-year-old boy, a 29-year-old man, and a 36-year women. Their location was lumbosacral, at the cervicothoracic junction, and in the midcervical area, respectively. The three patients underwent surgery, and microscopic examination revealed mesenchymal chondrosarcoma. The postoperative result was good.

The related literature is also reviewed.

KEY WORDS : Mesenchymal chondrosarcoma · Meninges · Spine.

서론

증례

1959 Lichtenstein Bernstein
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증례 2 :

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(Fig. 2).

증례 3 :

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MRI



Fig. 2. Case 2 : Sagittal MRI of cervical spine shows huge inhomogenous destructive tumor mass which compress dural sac on C7 and T1 area.

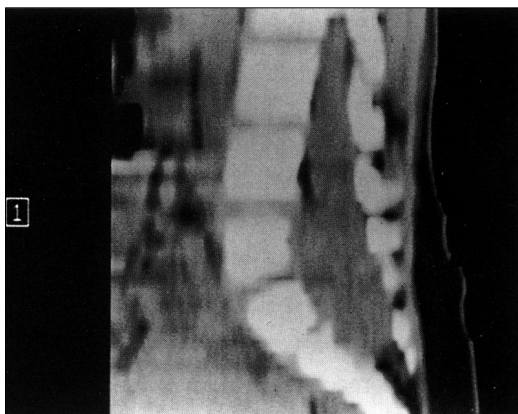


Fig. 1. Case 1 : Sagittal reconstruction of CT scan shows huge mass at lumbosacral spinal canal (Left) and axial CT myelography also shows calcified mass at entire S1 spinal canal which extends into left side neural foramen (Right).

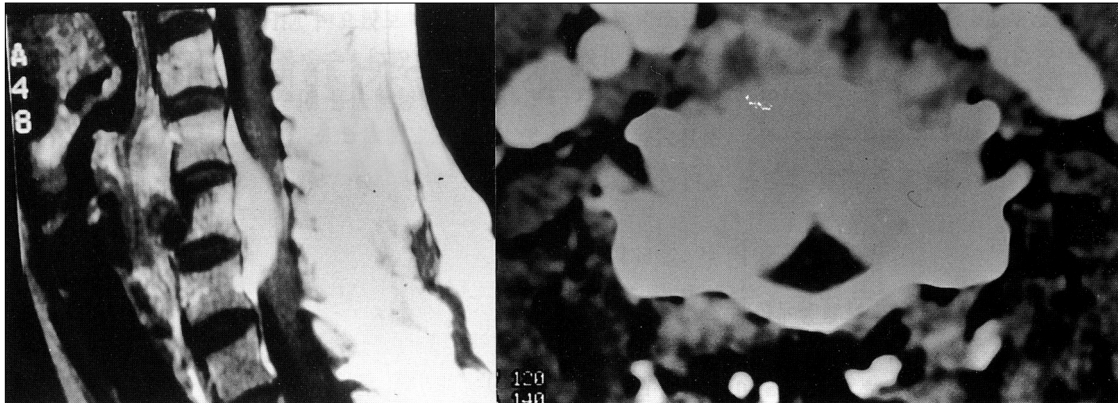


Fig. 3. Case 3 : Left ; Sagittal MRI(T1 gadolinium enhancement) shows well enhancing epidural mass on C4, 5, 6 area which compress dural sac anteriorly. Right ; Axial CT scan shows epidural mass which squeeze dural sac bilaterally on C5 area.

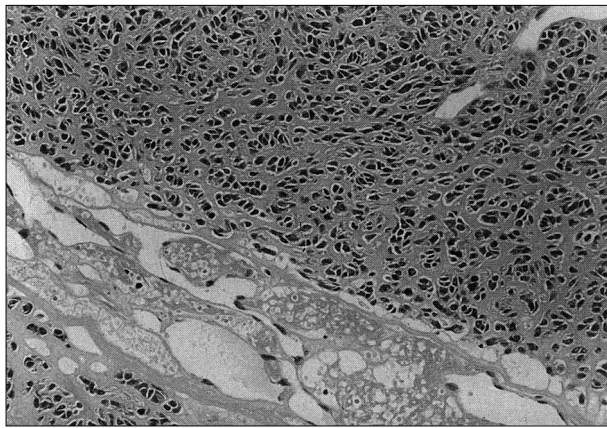


Fig. 4. Case 3 : Pathologic examination demonstrates sheets of undifferentiated small, round or spindle cells around vascular space and nodules of differentiated cartilage with necrosis and calcification.

(Fig. 4). (4950cGy)

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Ewing's tumor, synovial sar -

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mide, imidazol dicarboxamide, adriamycin, vincristine

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35 10 28% , Mayo

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